

[Home](#)

Particle filter

DAS-system

DBS-system

Function

DPF-system

Data logger

[About us](#)

Up to date

DBS-system

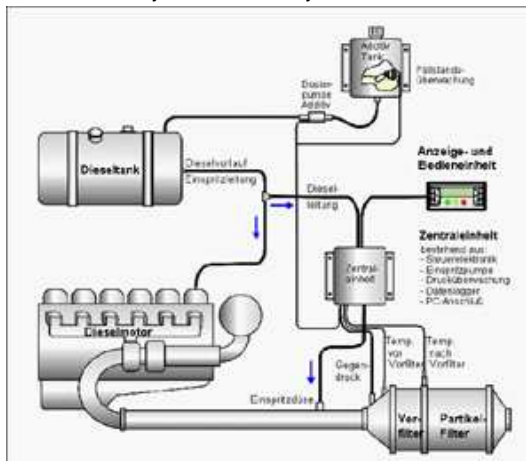
Product description

- Self-cleaning filter system without downtime
System for permanent operation/multi-shift operation
- Automatic regeneration during vehicle operation via catalytic filter coating and automated diesel post-injection
- System functioning even with low engine load/low exhaust gas temperature (stop-and-go mode)
- High particle separation rate > 99%
- Simple assembly instead of silencer; the system can be fitted retrofitted in every vehicle
- Electronic function monitoring and recording of operating data via data logger



Function description

- Soot oxidation by means of catalytic



is automatically controlled via temperature before and after the preliminary filter.

filter coating (without diesel post-injection).

- Exhaust gas temperature increase by means of additional diesel post-injection.
- Oxidation of the injected diesel in the preliminary filter increases the exhaust gas temperature before entering the particle filter.
- Automatically activated diesel post-injection (controlled active regeneration).

click on image for a
larger view

- Duration of the diesel post-injection

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